

PHYSIOLOGICAL SUPPORT DEBRIEFING

Approved For Release 2001/04/17 : CIA-RDP69B00041R000600080006-9

25X1A

DATE 16 Sep '67 ACFT 129 PILOT [REDACTED]
TIME IN FLIGHT 4+00 TIME IN SUIT _____ PREBREATHING TIME _____

	SATISFACTORY	UNSATISFACTORY
1. PHYSICAL CONDITION (PILOT)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. SURVIVAL KIT AND CUSHION <u>52</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. PARACHUTE <u>139</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. HELMET - <u>3</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
A. REFLECTIONS	<input type="checkbox"/>	<input checked="" type="checkbox"/>
B. FACE HEAT	<input checked="" type="checkbox"/>	<input type="checkbox"/>
C. COMMUNICATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. SUIT PROPER - <u>4</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
A. CABIN DECOMPRESSION: YES <u>(NO)</u>	<input type="checkbox"/>	<input type="checkbox"/>
6. OUTER GARMENT - <u>4</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. BOOTS AND SPURS - <u>2</u> <u>QD</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. GLOVES <u>10-1</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. OXYGEN SYSTEM	<input checked="" type="checkbox"/>	<input type="checkbox"/>

DEPART		RETURN	
TIME	AMT	TIME	AMT

#1	<u>1158 9</u>	<u>1545 8.25</u>
#2	<u>1158 9.25</u>	<u>1545 8.75</u>

10. MISCELLANEOUS

11. EVALUATION ITEMS

A. [REDACTED]
B. [REDACTED]
C. [REDACTED]
D. [REDACTED]
E. [REDACTED]

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12. REMARKS: (EXPLAIN UNSATISFACTORY REPORT)
*very sore for
length of time in cockpit - felt
like 7 hours rather than 4*

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PRESSURE SUIT HOOK-UP AND CHECKLIST

- ✓1. Packet in pocket.
- ✓2. Stirrups secured.
- ✓3. Communication secured and functioning.
- ✓4. Face heat on (low).
- ✓5. Oxygen hoses secured in QD.
- ✓6. Three harness snaps secured - harness adjusted and surplus stowed.
- ✓7. Kit adjusted and surplus stowed.
- ✓8. Two (2) bailout hoses secured.
- ✓9. Lap belt, shoulder harness, key secured and adjusted.
- ✓10. Oxygen hoses under right leg strap, chest strap under helmet-hold-down.
- ✓11. Emergency oxygen lanyard secured and pin removed.
- ✓12. Red knob secured.
- ✓13. Green apple secured.
- ✓14. Manual over ride handle secured.
- ✓15. Two (2) rocket jet releases secured.
- ✓16. Check face heat.
- ✓17. Heat probe.
- ✓18. Press to test both oxygen systems.
- ✓19. Readjust lap belt.

✓20. LOW oxygen pressure - #1 system 105/95 #2 system 90/95.

✓21. HIGH oxygen pressure Departing #1 system 9 #2 system 9.25.
time 1158

✓22. Foot rest guards over seat foot rests.

✓23. KIT LANYARD Hooked

SUBJECT 1052 AIRCRAFT NUMBER 129.

TECHNICIAN [REDACTED] DATE OF FLIGHT 16 Sept 67.

HIGH oxygen pressure Returning #1 system 8.25 #2 system 8.75.

1545

EQUIPMENT PREFLIGHT FOR HIGH FLIGHT

PARACHUTE

1. ✓ Tipcord pins secured (in in and first stage).
2. ✓ Check power cable linkage.
3. ✓ Pack opening elastic secured.
4. ✓ First stage jettisoned and pins secured.
5. ✓ Two (2) rocket jet pins secured.
6. ✓ Manual over ride handle secured.
7. ✓ Green apple secured.
8. ✓ Red knob secured.
9. ✓ Bailout hoses adjusted for pressure suit.
10. ✓ Bailout hose connectors operating.
11. ✓ Harness adjusted for HIGH flight.
12. ✓ Automatic openers - triggered and reset.
13. ✓ Aneroids 1400' to 7500'.
14. ✓ Bailout cylinder pins secured.
15. ✓ Bailout cylinder pressure # 1800 1800
16. ✓ Communication cord secured to chute.
17. ✓ Visual inspection completed.

SURVIVAL KIT

1. ✓ Yellow handle secured.
2. ✓ Trigger clearance.
3. ✓ Kit disconnects secured.
4. ✓ Lid secured.
5. ✓ Visual condition.

INSTALLATION

1. ✓ Vent secured at disconnect.
2. ✓ Kit secured to chute - loose.
3. ✓ Emergency oxygen lanyard secured to chute and pin installed.
4. ✓ Communication cord secured at disconnect.
5. ✓ Vent hose secured to chute.
6. ✓ Pin secured in QD and safetied.
7. ✓ Oxygen system low pressure # 90-95 75-80
8. ✓ Tip pin in "D" ring.
9. ✓ Stirrup cables extended and operating freely.
10. ✓ Foot rest guards over seat foot rest.

SUBJECT 52

PARACHUTE NO. 129

TECHNI [REDACTED]

16 Sept. '67

SEAT KIT NUMBER 38

PARACHUTE NUMBER 139

TYPE CUSHION 5B

VENT HOSE NUMBER 71

25X1A

TOP SECRET

FROM: Mission Coordinator 196

SUBJECT: Mission Alert Notification

TO: (See Below)

Request your attendance at the Commander's Briefing to be held
in the Operations Briefing Room on 15 SEP 1967 at
1215 L. The briefing concerns the following:

1. Mission Code Name and Number: BX 6722
2. Date/Time of Launch (H-Hour): 16 SEP / 0245 Z / 1145 L.
3. Ground Spare (H+1:00): 16 SEP / 0345 Z / 1245 L.
- 25X1A 4. Bases: Takeoff [REDACTED] Staging [REDACTED], Landing [REDACTED] 25X1A
- 25X1A 5. Equipment required: TYPE I CAMERA [REDACTED] 25X1A
6. Ground Spare Requirements: BACK UP ACFT REQUIRED
SAME AS PARAGRAPH 5
7. Special Instructions/Comments: LAUNCH BACK UP ACFT
16 SEP 0345Z / 1245L IF PRIMARY ABORTS.

FOR THE COMMANDER

Mission Coordinator

Office	Time(L)	Recipient	Office	Time(L)	Recipient
CMDR			DCOL		
DCO			DCOC/MC		
DCM			DCOMI		
DCS			DCOW		
SECUR			COMMO		
FLT SURG			AFCS		(Notify Only)
DCOM			TTFC(SAC)		(Notify Only)

TOP SECRET

DCOL

MISSION PILOTS ACTIVITY SCHEDULE FOR OPERATIONAL MISSION

<u>H-HOUR TIME PRIMARY</u>	<u>LOCAL TIME PRIMARY</u>	<u>H-HOUR TIME SPARE</u>	<u>LOCAL TIME SPARE</u>	<u>ITEM</u>	<u>LOCATION</u>
H -22:30	<u>1315</u>			Pre-Mission Physical Exam	Flt Surg
H -21:30	<u>1415</u>			Eating	A/C Mess
H -20:30	<u>1515</u>			Recreation activities as scheduled	Selected Area
H -18:00	<u>1745</u>			Intelligence Review	DCOMI
H -17:00	<u>1845</u>			Initial Brief & Recreation	DCO Brief Rm
H -14:00	<u>2145</u>			Eating	A/C Mess
H -13:00	<u>2245</u>			Crew Rest	Asgd House
H -4:00	<u>0745</u>			Wake/up Psychological Ck	Asgd House/ Crew Mess
H -3:30	<u>0815</u>			Final Briefing	DCO Brief Rm
H -2:30	<u>0915</u>			Breakfast	A/C Mess
H -1:20	<u>1025</u>	H +:20	<u>1025</u>	Final Physical Evaluation	DCOL
H -1:10	<u>1035</u>	H -:10	<u>1135</u>	Suiting	DCOL
H -:50	<u>1055</u>	H +:10	<u>1155</u>	Leave Ops	Transport Van
H -:45	<u>1100</u>	H +:15	<u>1200</u>	Arrive Aircraft	Hangar
H -:30	<u>1115</u>	H +:30	<u>1215</u>	Start Engine	Hangar
H -:20	<u>1125</u>	H +:40	<u>1225</u>	Taxi	Aircraft
H -:05	<u>1140</u>	H +:55	<u>1240</u>	Trim Engine	Aircraft
H -:00	<u>1145</u>	H +1:00	<u>1245</u>	Take Off	Aircraft
L +:25				Post Mission Physical	DCOL
L +:45				Ops Debrief	DCO Brief Rm
L +1:00				Mission Debrief	DCO Brief Rm
L +3:30				Released	

*** TOP SECRET ***

DCOL CHECK LIST

* DENOTES MANDATORY CALL TO COMMAND POST UPON COMPLETION

H-24:00 TO H-23:30: SECURE SUITS, CHUTES, KITS AND VENT UNITS:✓ 1145-1215

DESIGNATE LIFE SUPPORT TECHNICIANS:✓ 1145-1215

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H-23:30: ATTEND COMMANDERS BRIEFING:.....✓ 1215
 SUBMIT HANGAR ACCESS ROSTER, 5 CYS 1-MC 3-SECURITY 1-DCOL.....✓ 1215
 SUBMIT RECOVERY ROSTER, 3 CYS 1-MC 1-ADMIN 1-DCOL.....✓ 1215
 H-22:00 TO H-21:30: COORDINATE WITH INTELLIGENCE AND SURVIVAL PERSONNEL ON
 SURVIVAL AND E&E ITEMS:.....✓ 1345-1415
 H-22:00 TO H-17:00: PREFLIGHT:
 BOTH SUITS (EA PILOT).....✓ 1345-1845
 PARACHUTE AND EMERGENCY O2 SYSTEMS.....✓
 SEAT KIT COMPONENTS.....✓
 SUIT ROOM VENT.....✓
 LOX VENT UNIT.....✓
 OXYGEN CYLINDERS.....✓
 TEST EQUIPMENT.....✓
 TRANSPORT VANS.....✓ 1345-1845
 H-20:00: NOTIFY SECURITY, SEAT KIT AVAILABLE FOR PACKING:.....✓ 1545
 H-3:00 TO H-1:40: PREPARE PREBREATHING ROOM FOR RECEIPT OF PILOT:.....✓ 0845-1005
 H-2:00 PERSONALLY CHECK WITH MISSION COORDINATOR AT C.P. TO VERIFY NAMES OF
 PRIMARY AND SPARE PILOTS AND AIRCRAFT:.....✓ 0945

P.....5-27
 S.....24-31

INSTALL SEAT KIT AND PARACHUTE:.....✓ 0945
 H-2:00: RECEIVE PACKET FROM INTELLIGENCE:.....✓ 0945
 H-1:45 TO H-1:30: SECURITY INSPECTS SUITS:.....✓ 1000-1015
 H-1:40 TO H-1:25: FLIGHT SURGEONS MEDICAL IN DCOL:.....✓ 1025-1035
 H-1:20 TO H-1:10: DRESS PILOT, PRESSURE CHECK EQUIPMENT:.....✓ 1035-1045
 H-1:10 TO H-1:05: PREPARE FOR PILOT TRANSPORT:.....✓ 1050-1055
 *H-1:05 TO H-1:00: TRANSPORT TO AIRCRAFT:.....✓ 1055-1100
 *H-1:00 TO H-0:45: PILOT HOOKUP AND SUIT A/C CHECK:.....✓ 1100-1115
 H-0:45 TO TAKEOFF: STANDBY IN DCOL AND PACK LOW RECOVERY EQUIPMENT:.....✓ 1115-1145
 LANDING: REMOVE PILOT, TRANSPORT PILOT BACK TO DCOL, DESUIT PILOT:.....✓ 1150-1155
 DEBRIEF PILOT, EVALUATE AND CHECK RELIABILITY OF EQUIPMENT:.....✓ 1155-1200
 POST-FLIGHT EQUIPMENT:.....✓ 1200-1215

*** TOP SECRET ***

DCOL

25X1A

FROM: DCOL [REDACTED] (49216)

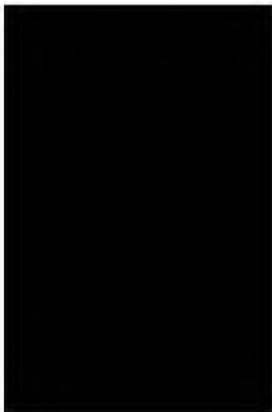
15Sep67

SUBJECT: Access Roster for Mission

BX 6722

TO: Mission Coordinator

25X1A



C.P.
X

HANGER/COCKPIT

X

DCOL

X

X

X

X

X

X

X

X

X

X

X

25X1A



DCOL

Deol

25X1A

FROM: DCOI [REDACTED]

15 Sep 1967

SUBJECT: Recovery Personnel for Mission BX6722

TO: DCO

25X1A

[REDACTED] 18 284 302

25X1A

[REDACTED] Major, USAF

Bx 6722

P/AC 129

P/P

S/AC 131

S/P

25X1A



FULL PRESSURE SUIT TEST LOG

SUBJECT # 105-2
 SUIT # -4
 OUTER GARMENT W/FLOAT GEAR -4
 HELMET # -3
 GLOVES # 10-1
 BOOTS -2 QD

FLIGHT DATE 16 Sept 67
 DON 1035
 DOFF 1545
 TIME IN SUIT 5+10
 TECHNICIAN [REDACTED]

25X1A

<u>PRESS-TO-TEST</u>	<u>PRE-FLIGHT</u>	<u>SUBJECT TEST</u>	<u>POSTFLIGHT</u>
<u>SYSTEM #1</u>	<u>15 Sept. 67</u> <u>913</u>		
Max Pressure	<u>116</u>	<u>107</u>	<u>116</u>
Differential	<u>1.6</u>	<u>1.6</u>	<u>1.6</u>
Leak Rate	<u>1050</u>	<u>250</u>	<u>400</u>
<u>SYSTEM #2</u>			
Max Pressure	<u>114</u>	<u>120</u>	<u>118</u>
Differential	<u>1.6</u>	<u>1.6</u>	<u>1.6</u>
Leak Rate	<u>1025</u>	<u>250</u>	<u>350</u>
Unpress Leak Rate	<u>400</u>	<u>300</u>	<u>800</u>
Face Heat	<u>20 ~</u>		
Commo and Cord	<u>✓</u>		
Pencils	<u>✓</u>		
Knife	<u>✓</u>		
Controller Number	<u>71</u>		
Packet	<u>✓</u>		
Grease Zippers	<u>✓</u>		
Check Location of CO ₂	<u>✓</u>		
Pressure Tap Screws	<u>✓</u>		